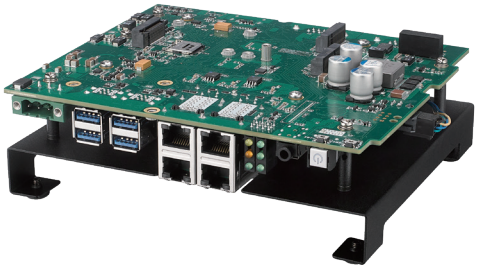
ADLINK
LEADING EDGE COMPUTING

DLAP-411-Orin Dev kit

Compact Edge AI Platform for Various AI and AMR Applications

Features

- Embedded with NVIDIA® Jetson AGX Orin™ module, delivering up to 275 TOPS
- Provide 4 PoE and 4 USB 3.2 Gen 2, supporting up to 8 cameras
- Fanless design with a compact size of 175(W) x 145(D) x 85(H) mm
- Support Linux® Ubuntu 22.04 and Jetpack 6.0
- Built-in Out-of-Band (OOB) module for remote device control
- Seamless integration of Isaac™ Perceptor technologies
- System SKU available for purchase



Canonical Ubuntu · ASD+ · 60°C -20°C · NetworkOptix · AIIXON · EdgeGO · EVA

Ordering Information

PN	Model Name	NVIDIA Module	NVIDIA Module Memory	NVIDIA Module eMMC
91-77B07-1110	DLAP-411-Orin Dev Kit	NVIDIA® Jetson AGX Orin™	32GB	64GB
91-77B07-1010	DLAP-411-Orin 64GB Dev Kit	NVIDIA® Jetson AGX Orin™	64GB	64GB

Packing List

PN	Description	QTY
	DLAP-411 Dev Kit	1
33-70003-2000	Standoff A,M3,H5,Ni	2
33-03340-0040-B0	Screw M3,I-head,L4	3
50-40375-9000	Template A of both CN & TW RoHS Declarat	1

Optional Accessories

PN	Description
29-E8852-A000	Wifi module, M2-R8852BE
29-D3096-K030	5G module, MV31-W
29-D0520-G000	5G module, Quectel RM520N-GL
29-D0034-8010	4G/LET module, Sierra EM7565
31-62120-0020	Power adapter, GST160A24-AD
31-62149-0000	Power adapter, GST220A24-AD
95-35200-4100	M2 NVMe SSD, ASDEM8EDE-128GP0
95-35200-5100	M2 NVMe SSD, ASDEM8EDE-256GP0
95-35200-6100	M2 NVMe SSD, ASDEM8EDE-512GP0
95-35200-7100	M2 NVMe SSD, ASDEM8EDE-1TBT0
95-35200-8100	M2 NVMe SSD, ASDEM8EDE-2TBT0

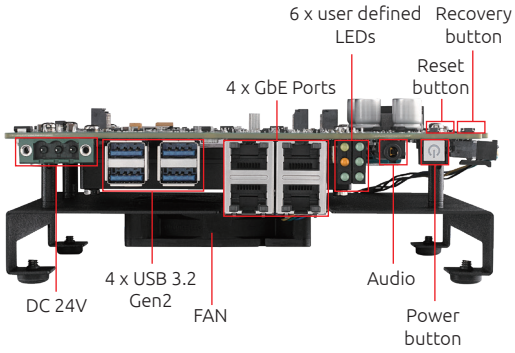
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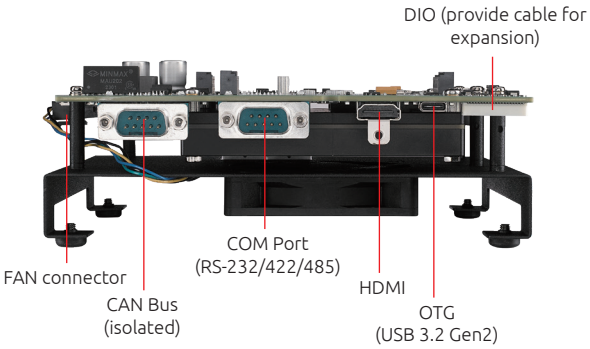
Specifications

Model	200 TOPS	275TOPS
System Core		
GPU	1792-core NVIDIA Ampere GPU with 56 Tensor Cores	2048-core NVIDIA Ampere GPU with 64 Tensor Cores
CPU	8-core Arm® Cortex®-A78AE v8.2 64-bit CPU 2MB L2 + 4MB L	12-core Arm® Cortex®-A78AE v8.2 64-bit CPU 3MB L2 + 6MB L3
RAM	32GB 256-bit LPDDR5	64GB 256-bit LPDDR5
Storage	64GB eMMC 5.1	
OS	Linux® Ubuntu	
Front I/O Interfaces		
Button	1x power, 1x reset, 1x recovery	
HDMI	1x HDMI (Max. resolution 3840x2160 @ 60Hz)	
USB	4x USB 3.2 Gen2 Type-A	
Ethernet	4x 10/100/1000Mbps Ethernets (Optional PoE support, IEEE 802.3af/at)	
Audio	Mic-in (Mono), Line-out (Stereo)	
I/O Connector	2x D-sub 26-pin connector (GPIO, I2C, SPI) provide cable for expansion	
Back I/O Interfaces		
USB	1x USB 3.2 Gen2 Type-C (OTG)	
Serial Port	1x COM RS-232/RS-422/RS-485 (DB9)	
CAN Bus	1x 2.0b, isolated (DB9)	
Extension Slots		
M.2	1x M.2 M key 2242 and 2280 PCIe Gen4 1x M.2 B key 3042 and 3052 for 5G/LTE M.2 E key 2230 for Wifi	
SD Card Slot	1x MicroSD Slot	
Out-Of-Band (OOB)	Support Ethernet and Wifi, monitoring and managing at remote locations (thermal sensor, remote power on/off, restart, monitor debug port detection device status.)	
LED indicator		
LED	6x user defined LEDs	
Power Requirements		
DC Input	24V	
AC Input	160 up to 220W power adapter	
Power switch	1x Power ON/OFF Button (AT/ATX , Default : AT)	
Internal		
Thermal sensor	1x Thermal sensor	
F/W Support		
WDT	WDT supported	

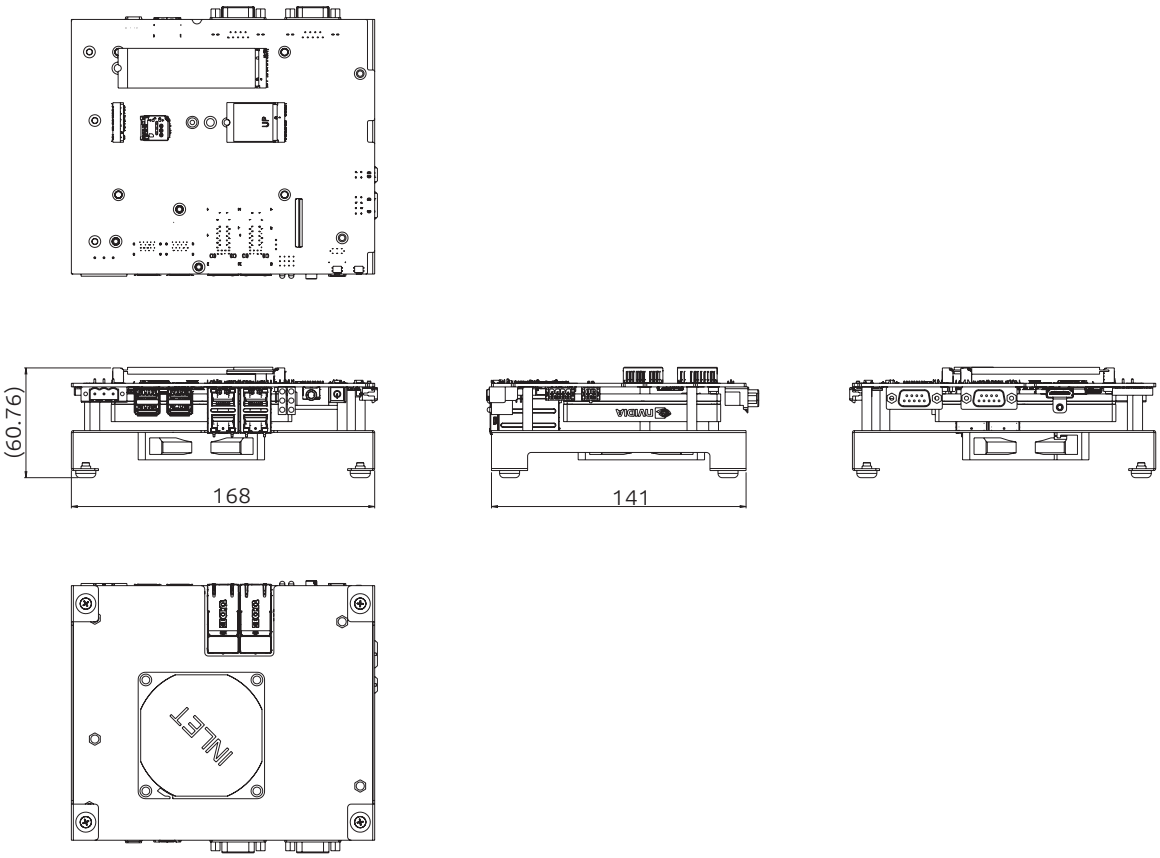
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I/O View





Product Dimensions and Illustration



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